

Product Datasheet

NMDAR2B [p Ser1480] Antibody - Azide Free NB100-61103

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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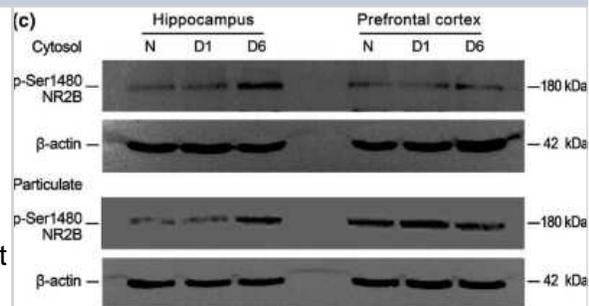
NB100-61103

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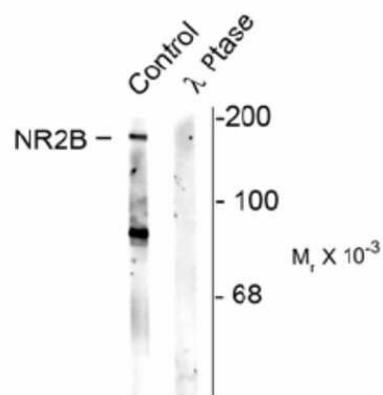
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	180 kDa
Product Description	
Host	Rabbit
Gene ID	2904
Gene Symbol	GRIN2B
Species	Mouse, Rat
Specificity/Sensitivity	Specific for endogenous levels of the ~180 kDa NMDAR2B protein phosphorylated at Ser1480. Immunolabeling is completely eliminated by treatment with lambda-phosphatase.
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser1480 conjugated to KLH. Accession # Q00960
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:1000

Images

Western Blot: NMDAR2B [p Ser1480] Antibody [NB100-61103] - Changes of NMDAR2B phosphorylation levels in the hippocampus and prefrontal cortex of P28 mice after earlylife propofol exposure. Typical results of western blot showed the changes in pSer1480 NMDAR2B phosphorylation levels in cytosol and particulate fractions of the hippocampus and prefrontal cortex of P28 mice after earlylife propofol exposure. D6 mice group treated with propofol (100 mg/kg body weight, i.p.) daily P6-P11; D1 mice group treated with propofol (100 mg/kg, i.p.) at P6 and then normal saline (10 mL/kg, i.p.) from P7-P11; N mice group received normal saline (10 mL/kg, i.p.) from P6-P11. Image collected and cropped by CiteAb from the following publication ([//pubmed.ncbi.nlm.nih.gov/28729940/](https://pubmed.ncbi.nlm.nih.gov/28729940/)) licensed under a CC-BY license.



Western Blot: NMDAR2B [p Ser1480] Antibody [NB100-61103] - Rat hippocampal lysate showing specific immunolabeling of the ~180k NR2B subunit of the NMDAR phosphorylated at Ser1480 (Control). The phosphospecificity of this labeling is shown in the second lane (lambda-phosphatase: λ -Ptase). The blot is identical to the control except that it was incubated in lambda-Ptase (1200 units for 30 min) before being exposed to the phospho-Ser1480 NMDA NR2B subunit antibody. The immunolabeling is completely eliminated by treatment with lambda-Ptase.



Publications

Wang Y, Han S et al. Propofol-induced downregulation of NR2B membrane translocation in hippocampus and spatial memory deficits of neonatal mice. *Brain Behav* 2017-01-07 [PMID: 28729940] (WB, Mouse)



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Products Related to NB100-61103

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002904-Q01-10ug	Recombinant Human NMDAR2B GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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